

FORM PTO-1449	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. HARD1.015A	APPLICATION NO. Unknown
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (USE SEVERAL SHEETS IF NECESSARY)		APPLICANT Donald J. Merkle and Caidian Luo	
		FILING DATE Herewith	GROUP Unknown

1002 U.S. PTO
09/970389
10/02/01

U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)
MH		1,571,048	01-26-26	Garrow			
		5,021,093	06-04-91	Beshay			
		5,795,515	08-18-98	Fischer			
		2,377,484	08-05-45	Elmendorf			
		4,406,703	09-27-83	Guthrie, et al.			
		3,748,160	07-24-73	Carbajal			
		3,264,125	08-02-66	Bourlin			
		2,175,568	10-10-39	Haustein			
		6,086,998	07-11-00	Wihsman			
		3,753,749	08-21-73	Nutt			
		4,647,505	03-03-87	Blackie, et al.			
		5,989,335	1-23-99	Soroushian, et al.			
		5,643,359	07-01-97	Soroushian, et al.			
		5,897,701	04-27-99	Soroushian, et al.			
		3,969,587	07-13-76	Occleshaw, et al.			
		5,102,596	04-07-92	Lempfer, et al.			
		6,138,430	10-31-00	Van Acoleyen, et al.			
		5,520,779	05-28-96	Bold			
		4,637,860	01-20-87	Harper, et al.			
		4,985,119	01-15-91	Vinson, et al.			
		4,497,688	02-05-85	Schaefer			
		5,804,003	09-08-98	Nishizawa			
		5,047,086	09-10-91	Hayakawa, et al.			
		5,030,289	07-09-91	Sattler, et al.			
		4,510,020	04-09-85	Green, et al.			
✓		5,405,498	04-11-85	Pease			

EXAMINER <i>M. Halper</i>	DATE CONSIDERED 2/1/06
*EXAMINER: INITIAL IF CITATION CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP 609; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED, INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.	

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		FILING DATE Herewith	GROUP Unknown

U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)
MH		5,876,561	03-02-89	Tsai			
		5,415,734	05-16-95	Backlund, et al.			
		4,971,658	11-20-90	Henricson, et al.			
		4,944,842	07-31-90	Stromberg, et al.			
		6,228,215 B1	05-08-01	Hoffman, Jr.			
		RE 35,460	02-25-97	Klungness, et al.			
		5,191,456	03-02-93	Sutherland, et al.			
		5,223,090	06-29-93	Klungness, et al.			
		5,118,225	06-02-92	Koch, et al.			
		6,045,057	04-04-00	Moor, et al.			
		6,030,447	02-29-00	Naji et al.			
		4,098,701	07-04-78	Burnill et al.			
		4,177,176	12-04-79	Burnill et al.			
↓		5,063,260	11-05-91	Chen et al.			

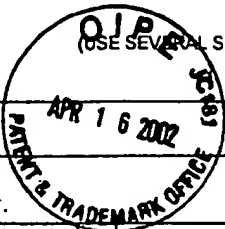
FOREIGN PATENT DOCUMENTS								
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
MH		EP484283	08-05-92	Europe	✓	—		
↓		AU 51515/	03-19-81	Australia	—	—		
↓		WO 91/01409	02-07-91	PCT	—	—		

EXAMINER INITIAL	OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)

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EXAMINER	<i>M. Halper</i>	DATE CONSIDERED	2/1/06
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (USE SEVERAL SHEETS IF NECESSARY)		APPLICANT Markley et al.	
		FILING DATE October 2, 2001	GROUP 1731



U.S. PATENT DOCUMENTS						
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)
ML	5,465,547	11/14/95	Jakel			

FOREIGN PATENT DOCUMENTS							
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO

EXAMINER INITIAL	OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)

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EXAMINER	<i>M. Halpern</i>	DATE CONSIDERED	2/1/06
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PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO.
HARD1.015A

APPLICATION NO.
09/970,389

INFORMATION DISCLOSURE STATEMENT
BY APPLICANT

(USE SEVERAL SHEETS IF NECESSARY)

APPLICANT
Merkley et al.

FILING DATE
October 2, 2001

GROUP
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U.S. PATENT DOCUMENTS							
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)	
HC	4,971,658	11/20/99	Hennicson et al.	1	1		
HC	5,429,717	7/4/95	Bokstrom et al.	1	1		
HC	6,030,447	2/29/00	Naji et al.	1	1		

FOREIGN PATENT DOCUMENTS							
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
HC	0 058 263 A1	07/21/82	Europe	1	1	YES	NO
HC	WO 96/17998	6/13/96	PCT	1	1		

EXAMINER INITIAL	OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)
MR	Ekman, et al. "Studies on the Behavior of Extractives in Mechanical Pulp Suspensions," The Institute of Paper Science and Technology, June 1990.

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EXAMINER: M. Halpern

DATE CONSIDERED: 2/1/06

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